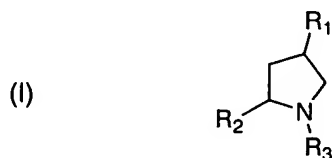


Pyrrolidine Melanocortin-Specific Compounds

ABSTRACT OF THE DISCLOSURE

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Melanocortin receptor-specific pyrrolidine compounds having the structure:



10 and stereoisomer and pharmaceutically acceptable salts thereof, where R_1 , R_2 , and R_3 are as described in the specification, preferably where R_3 is a D-amino acid with at least one substituted or unsubstituted phenyl or naphthyl aromatic ring, and where R_3 optionally further includes an amine capping group or from one to three additional amino acid residues, optionally with an amine capping group, which compounds are agonists, antagonists or mixed agonists and antagonists at one or more melanocortin
15 receptors, and having utility in the treatment of melanocortin receptor-related disorders and conditions. Methods of synthesis of compounds of structure (I), pharmaceutical compositions containing a compound of structure (I) and methods relating to the use thereof are also disclosed.